

ARKIVOC Volume 2012

Part (v): Commemorative Issue in Honor of Prof. Ferenc Fülöp on the occasion of his 60th anniversary

Facilitators: Kalevi Pihlaja and Erich F. Kleinpeter

Scientific Editor: Janine Cossy

**1. A tribute to Prof. Ferenc Fülöp (FF-1458YT)**

*Kalevi Pihlaja and Erich Kleinpeter*

Full Text: [PDF \(111K\)](#)

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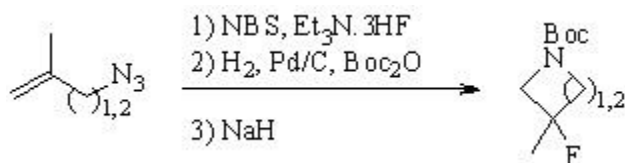
published Oct 10 2011;

**2. Synthesis of 3-fluoropyrrolidines and 3-fluoroazetidines (FF-6445YP)**

*Karel Piron, Guido Verniest, Eva Van Hende and Norbert De Kimpe*

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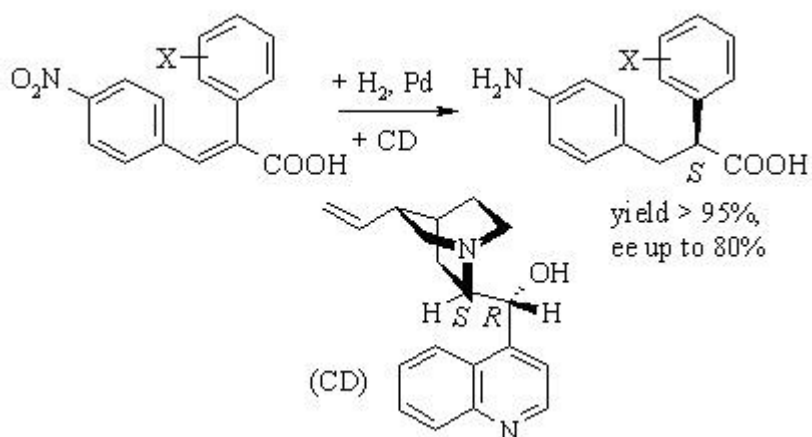
received Mar 21 2011; accepted Jul 12 2011; published Nov 6 2011;

**3. Substituent position-driven reaction pathways in the heterogeneous one-pot reduction/asymmetric hydrogenation of nitro-substituted (*E*)-2,3-diphenylpropenoic acids over Pd catalyst (FF-6836YP)**

*György Szöllősi and Mihály Barták*

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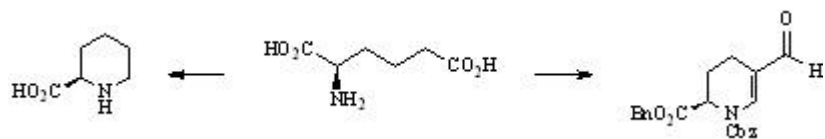
received Aug 12 2011; accepted Oct 16 2011; published Nov 6 2011;

#### 4. (*R*)- $\alpha$ -Aminoadipic acid: an interesting chiral pool building block (FF-6761YP)

Amina Sadiq and Norbert Sewald

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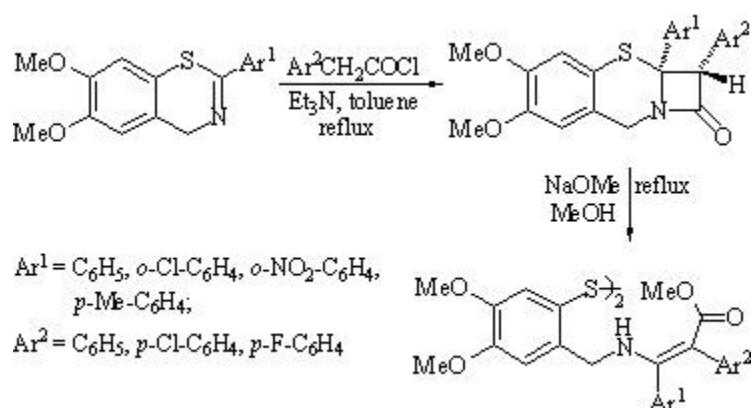
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#### 5. Investigation of ring transformations of diaryl- $\beta$ -lactams condensed with 1,3-benzothiazines (FF-6758YP)

Lajos Fodor, P  ter Csom  s, Benedek K  jrolyi, Antal Cs  mpai and P  jl Soh  j  r

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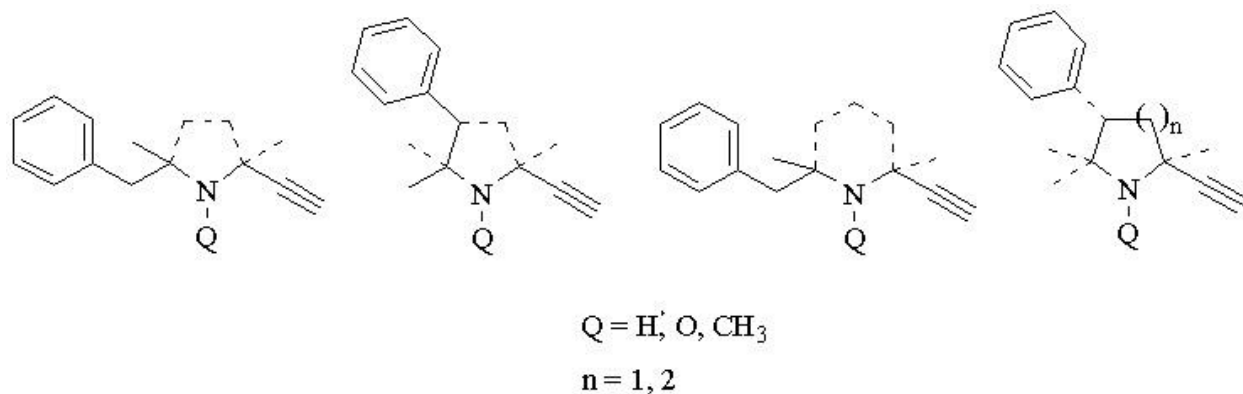
received Jul 12 2011; accepted Oct 16 2011; published Nov 6 2011;

## 6. Synthesis of Deprenyl-like nitroxide free radicals and their diamagnetic derivatives (FF-6724YP)

Cecília P. Săir, Tamás Kájlai, József Jekő and Kálmán Hideg

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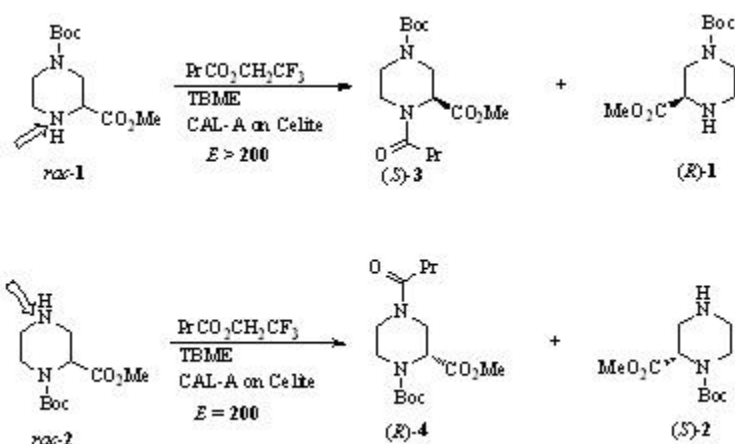
received Jun 29 2011; accepted Oct 23 2011; published Nov 28 2011;

## 7. Advances in the kinetic and dynamic kinetic resolution of piperazine-2-carboxylic acid derivatives with *Candida antarctica* lipase A; structural requirements for enantioselective N-acylation (FF-6748YP)

Ari Hietanen, Katri Lundell, Liisa T. Kanerva and Arto Liljeblad

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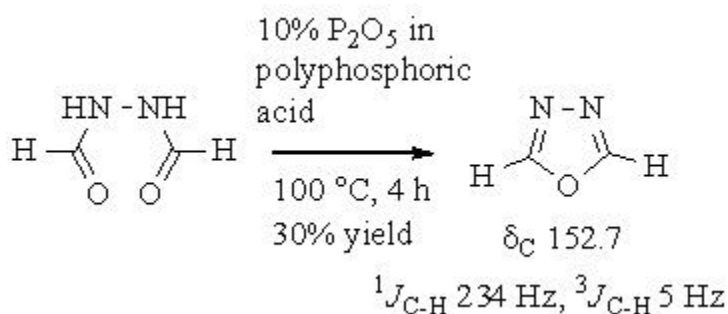
received Jul 6 2011; accepted Oct 11 2011; published Nov 29 2011;

## 8. Improved synthesis and characterisation of 1,3,4-oxadiazole (FF-6567YP)

Kati M. Aitken and R. Alan Aitken

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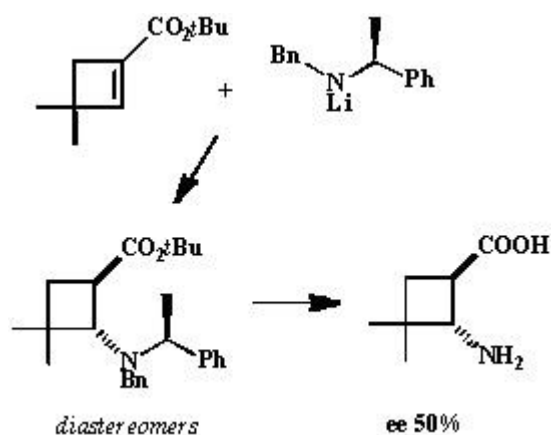
received May 2 2011; accepted Jul 29 2011; published Nov 29 2011;

## 9. Evaluation of an aza-Michael approach for the synthesis of 3,3-dimethyl-2-aminocyclobutane-1-carboxylic acid (FF-6923YP)

Florence Charnay-Pouget, Michael Frank, Jean-Pierre Baltaze, Elisabeth Pereira and David J. Aitken

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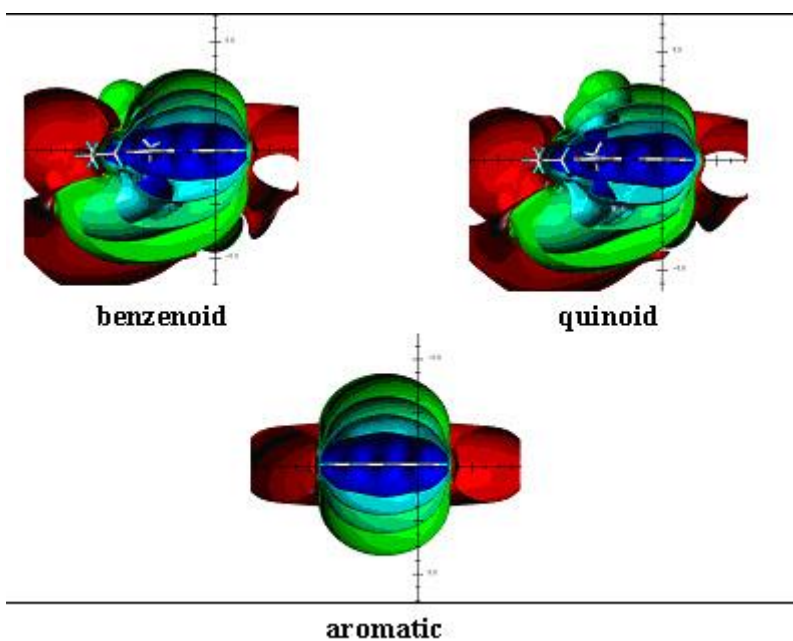
received Sep 16 2011; accepted Oct 23 2011; published Nov 29 2011;

**10. Spatial magnetic properties subject to lone pair and  $\pi$  electron delocalization in benzenoid and quinoid structures. Are quinoid tautomers really nonaromatic? (FF-6537YP)**

*Erich F. Kleinpeter and Andreas Koch*

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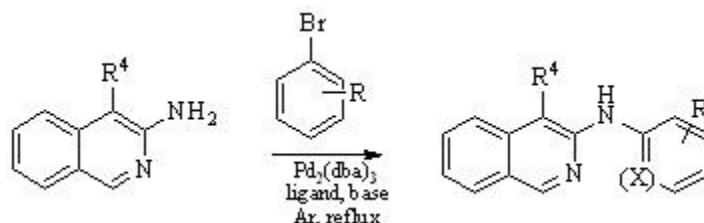
received Apr 21 2011; accepted Aug 14 2011; published Nov 29 2011;

**11. Novel fluorescent isoquinoline derivatives obtained *via* Buchwald-Hartwig coupling of isoquinolin-3-amines (FF-6959YP)**

József Balog, Zsuzsanna Riedl, György Hajós, Zsombor Miskolczy and László Biczók

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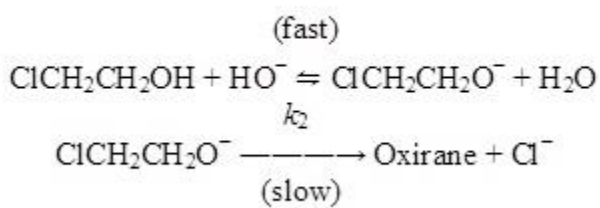
received Sep 29 2011; accepted Dec 23 2011; published Jan 24 2012;

**12. Dehydrochlorination of 2-chloroethanol, 2-chloro-1-propanol, 1-chloro-2-propanol, 2-chloro-2-methyl-1-propanol and 1-chloro-2-methyl-2-propanol (FF-6755YP)**

Kalevi Pihlaja, Marja-Leena Kiuru and Anne Sippola

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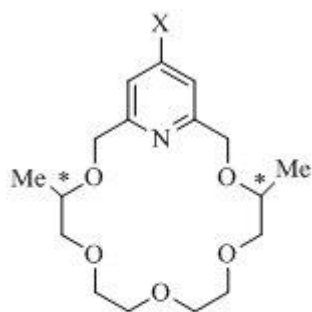
received Jul 9 2011; accepted Oct 11 2011; published Jan 26 2012;

**13. Synthesis of new enantiopure dimethyl-substituted pyridino-18-crown-6 ethers containing a hydroxymethyl, a formyl, or a carboxyl group at position 4 of the pyridine ring for enantiomeric recognition studies (FF-7113YP)**

József Kupai, Péter Huszthy, Marianna Katz and Ánde Tóth

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(S,S)-1: X=CH<sub>2</sub>OH

(S,S)-2: X=CHO

(S,S)-3: X=COOH

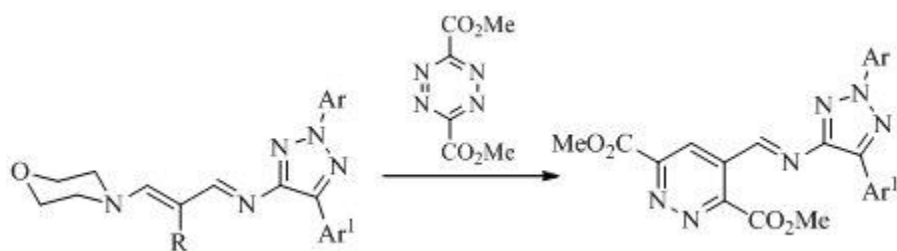
received Nov 21 2011; accepted Dec 23 2011; published Mar 11 2012;

#### 14. Reactivity of 1,2,3-triazole-substituted 1-azabutadienes (vinamidines) (FF-7015YP)

*Sandor Băjtor, Săndor Bokotey and András Messmer*

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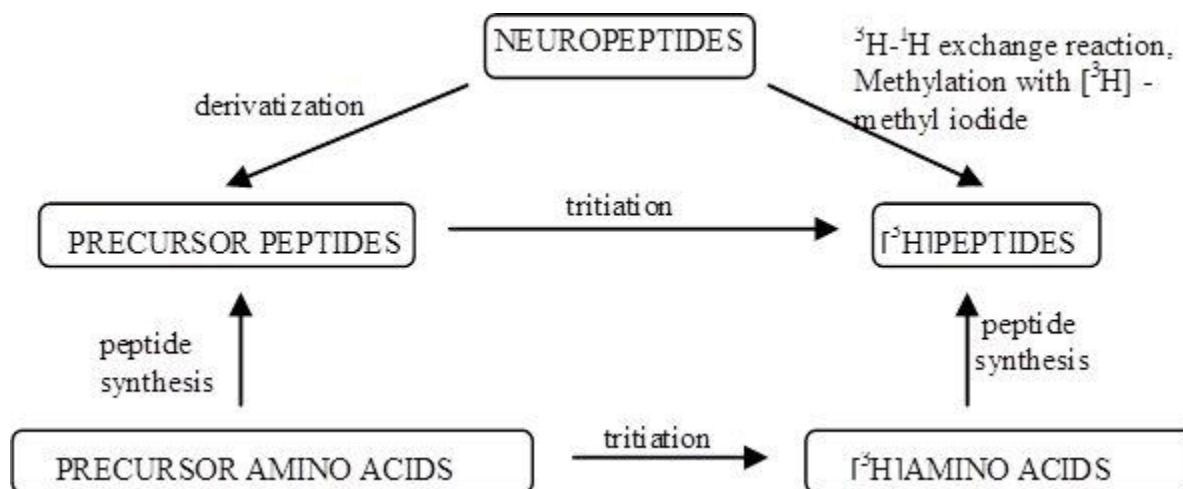
received Oct 13 2011; accepted Feb 14 2012; published Mar 18 2012;

#### 15. Radiotracers, tritium labelling of neuropeptides (FF-7055YP)

*Gábor Tóth, Jayapal Reddy Mallareddy, Fanni Tóth, Andrzej W. Lipkowski and Dirk Tourwä*

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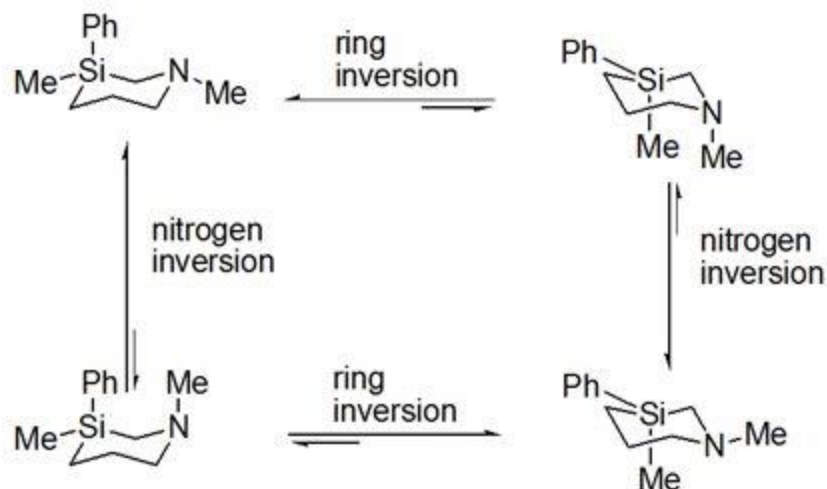
received Oct 26 2011; accepted Jan 16 2012; published Mar 25 2012;

#### 16. Synthesis and conformational properties of 1,3-dimethyl-3-phenyl-1,3-azasilinane. Low temperature dynamic NMR and computational study (FF-7065YP)

Bagrat A. Shainyan, Svetlana V. Kirpichenko and Erich Kleinpeter

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received Nov 1 2011; accepted Jan 29 2012; published Apr 1 2012;

#### 17. Rapid catalyst evaluation for Sonogashira coupling in continuous flow (FF-7061YP)

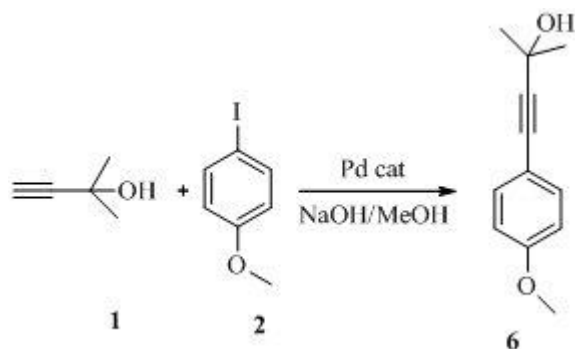
Bernadett Borcsek, György Bene, Gábor Szirbik, György Dormán, Richard Jones, László Ácserge and



Ferenc Darvas

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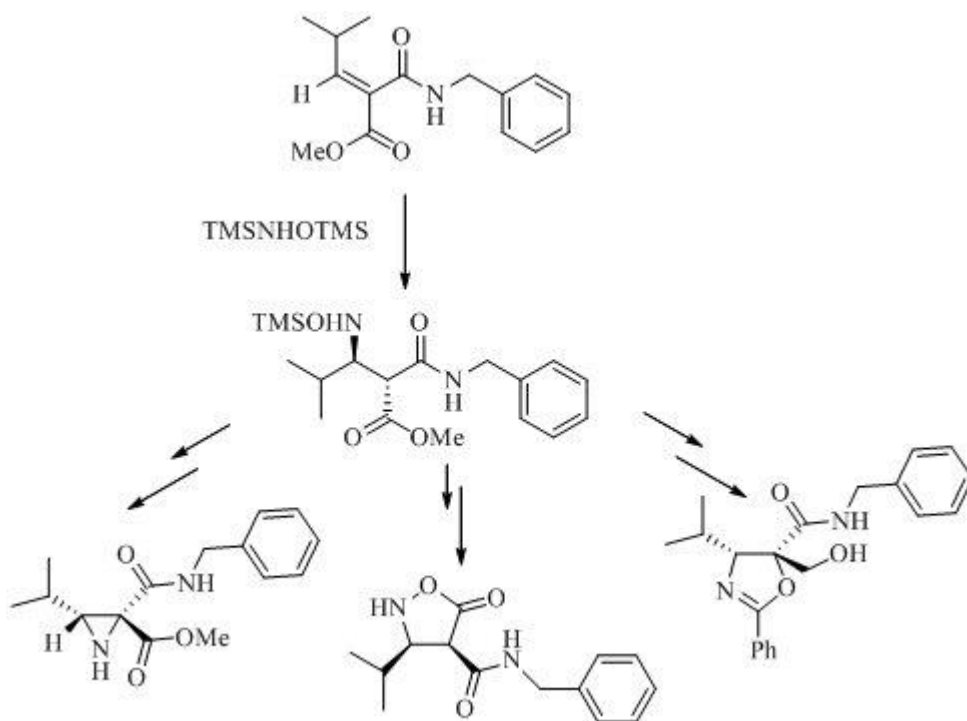
received Oct 30 2011; accepted Feb 17 2012; published Mar 31 2012;

**18. Exploring the reactivity of alkylidene malonamides: synthesis of polyfunctionalized isoxazolidinones, aziridines and oxazolines. (FF-7029YP)**

*Alessandra Tolomelli, Giuliana Cardillo, Luca Gentilucci, Riccardo Juris, Angelo Viola and Eusebio Juaristi*

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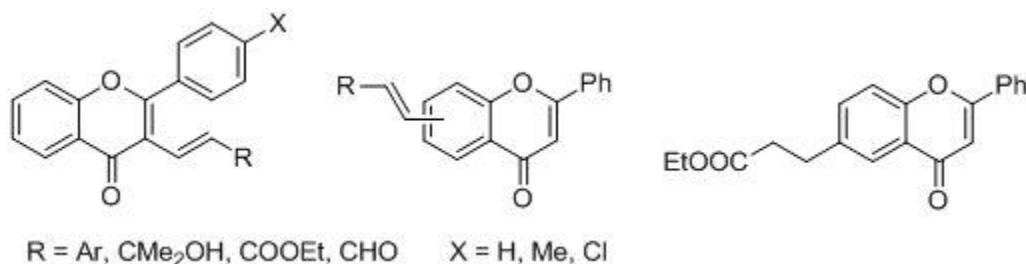
received Oct 18 2011; accepted Feb 20 2012; published May 13 2012;

**19. A new synthesis of novel alkenylated flavones by palladium-catalyzed cross-coupling reactions (FF-7115YP)**

*Szabolcs Fekete, Tamás Patonay, Artur M. S. Silva and José A. S. Cavaleiro*

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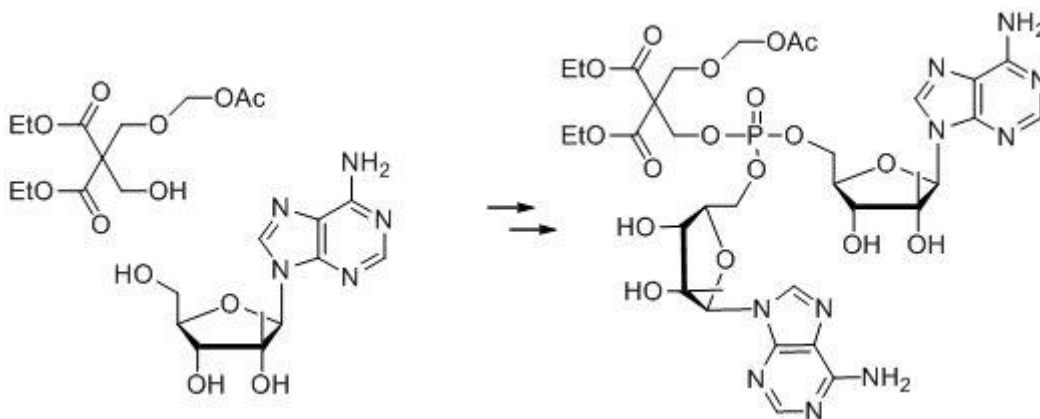
received Nov 23 2011; accepted Jan 19 2012; published May 13 2012;

**20. 5′,5′-Phosphodiester and esterase labile triesters of 2′-C-methylribonucleosides (FF-6989YP)**

*Anna Leisvuori, Zafar Ahmed, Mikko Ora, Lawrence Blatt, Leonid Beigelman and Harri Linnberg*

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**21. Stereoselective synthesis and structural analysis of polycyclic lactams derived from tetrahydroisoquinoline 1,2- and 1,3-diamines (FF-6963YP)**

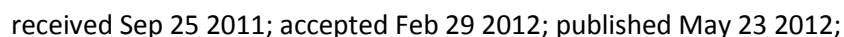
*Henri Kivelä, Olli Martiskainen, Kalevi Pihlaja, Zita Zalai and László László*

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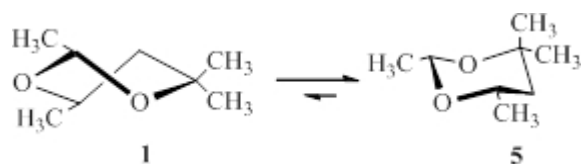
Clementina M. M. Santos, Artur M. S. Silva, J  zsef Jek  c and Albert L  vai

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## Kalevi Pihlaja and Jorma Mattinen

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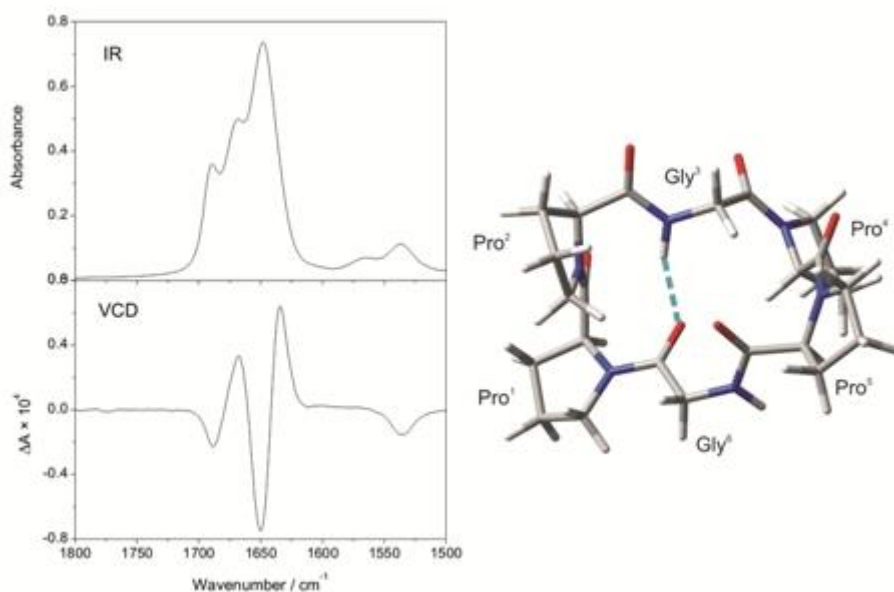
received Sep 24 2011; accepted Feb 28 2012; published May 27 2012;

## 24. Structure analysis of proteins, peptides and metal complexes by vibrational circular dichroism (FF-6661YP)

Miklós Hollási, Elemér Vass, Gábor Szilvágyi, Andreja Jakas and Ilona Laczkó<sup>3</sup>

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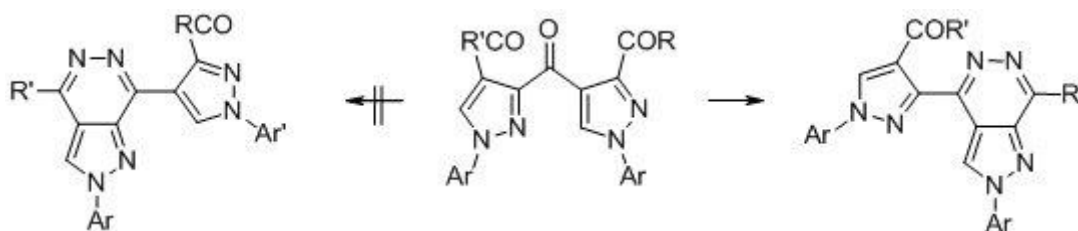
received Jun 7 2011; accepted May 1 2012; published Jun 8 2012;

## 25. Site-selectivity in hydrazinolysis of 3,4'-bis-(functionalized carbonyl)-4,3'-bis(pyrazolyl)ketones. A convenient synthesis of 4-(pyrazol-3-yl)-2H-pyrazolo[3,4-d]pyridazines (FF-7119UP)

Ahmad Sami Shawali and Adel J. M. Haboub

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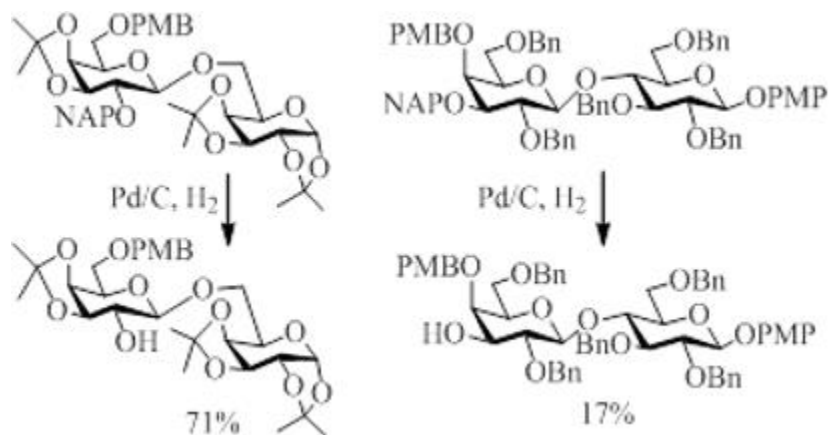
received Nov 24 2011; accepted Feb 18 2012; published Jun 9 2012;

## 26. Selective removal of the (2-naphthyl)methyl protecting group in the presence of *p*-methoxybenzyl group by catalytic hydrogenation (FF-7071YP)

Lăjzlă Lăjzăr, Lăřăjnt Jăjnossy, Magdolna Csăivăjs, Mihăjly Herczeg, Anikă Borbăjsa and Săjndor Antus

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